innermost radial portion of the processing bags to be expressed. Following expression, the expressor fluid can be removed, if desired, from the expressor bags by the application of a vacuum to the expressor bag supply line(s), the use of expressor fluid also permits the adjustment of the volume of the processing bags as needed, for example, for different protocols or for different steps of a single protocol. One skilled in the art will appreciate that if air is used as the expressor fluid, it may be removed in a much shorter period of time than the usual heavier expressor fluids used to separate more components of the sample.

Subsequent protocol steps may include washing of cells after supernatants are expressed. Wash fluids and/or processing fluids, etc., are introduced into the processing bags as the sample was, and incubated with the sample. The processing bags may be agitated is desired by reversing the direction of the centrifuge drive, by running the centrifuge intermittently, and so on.

Each of the foregoing patents, patent applications and references is hereby incorporated by reference.

While the invention has been described with respect to certain embodiments, it should be appreciated that many modifications and changes may be made by those of ordinary skill in the art without departing from the spirit of the invention. It is intended that such modification, changes and equivalents fall within the scope of the following claims.